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Product Specifications

Catalogue Number	42460
Product	Cesium chloride
CAS Number	7647-17-8
Molecular Formula	CsCl
Molecular Weight	168.36

Warnings	<i>Hygroscopic!</i>
Appearance	White crystalline powder
Solubility	Clear, colorless solution in water, 3 M at 20 °C
Melting Point	645 °C
Boiling point	1290 °C
Density	3.99
Refractive Index	n_D^{20} 1.6418
pH	6.0 - 7.5 (25 °C, 3 M in H ₂ O)
Loss on Drying	≤ 0.1% (at 110 °C)
Assay by titration	≥ 99.5%
Grade	For molecular biology
Storage	Store at RT

For Laboratory Use Only